



NH3 & LPG AL300 "HI-FLO" SERIES Globe & Angle Valves

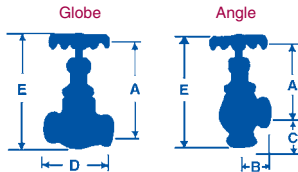
- Liquid Fill Hose Assemblies •
- Vapor Return Hose Assemblies •
- Bulk Plant Piping Systems •
- Truck - Transport Piping Systems •



ME825-6 & AL310 Globe
AL309 & 311 Angle
Screwed Bonnet



AL 312, 314, 316, & 320 Globe
AL 313, ME815-12, 317, & 321 Angle
Bolted Bonnet



SERVICE
ME825-6 through 321:
"HI-FLO" Series - LP
Gas or NH3 Liquid or
Vapor Service.

• Supplied with 1/4" Plug - Order Bleeder Valve Separately

| CAT. NO. | NPT SIZE | TYPE | PORT DIA. | APPROX. Wt. Lbs. | WOG Working Press. | DIMENSIONS | | | | |
|----------|----------|-------|-----------|------------------|--------------------|------------|---------|-------|--------|----------|
| | | | | | | A | B | C | D | E |
| ME825-6 | 3/4" | Globe | 3/4" | 2-1/2 | 400 lbs. | 4-1/4 | - | - | 3-5/8 | 5-1/4 |
| AL309 | 3/4" | Angle | 3/4" | 2-1/2 | 400 lbs. | 3-7/8 | 1-11/16 | 1-1/2 | - | 5-9/16 |
| AL310 | 1" | Globe | 1" | 3 | 400 lbs. | 4-3/4 | - | - | - | 4-1/4 |
| AL311 | 1" | Angle | 1" | 3 | 400 lbs. | 3-1/2 | 2 | 2 | - | 5-1/2 |
| AL312 | 1-1/4" | Globe | 1-1/4" | 8 | 400 lbs. | 6-1/4 | - | - | 5 | 7-3/4 |
| AL313 | 1-1/4" | Angle | 1-1/4" | 8 | 400 lbs. | 6 | 2-1/2 | 2-1/2 | - | 8-1/2 |
| AL314 | 1-1/2" | Globe | 1-1/2" | 8-3/4 | 400 lbs. | 6-1/4 | - | - | 5-5/16 | 7-7/8 |
| ME815-12 | 1-1/2" | Angle | 1-1/2" | 8-1/2 | 400 lbs. | 6-1/8 | 2-5/8 | 2-5/8 | - | 8-3/4 |
| AL316 | 2" | Globe | 2" | 12-1/2 | 400 lbs. | 6-3/4 | - | - | 6 | 9 |
| AL317 | 2" | Angle | 2" | 11-3/4 | 400 lbs. | 5-3/8 | 3 | 3-1/8 | - | 8-1/2 |
| AL320 | 3" | Globe | 3" | 41 | 400 lbs. | 11-5/16 | - | - | 9 | 14-15/16 |
| AL321 | 3" | Angle | 3" | 37-1/4 | 400 lbs. | 10-1/4 | 4 | 4 | - | 14-1/4 |

NH3 & LPG GLOBE & ANGLE VALVES

| Part No. | Type | NPT | Wt. Lbs. | 10+ DISCOUNT |
|-------------|-------|--------|----------|--------------|
| ST AL309P | Angle | 3/4" | 2 | 5% |
| ST AL311P | Angle | 1" | 3 | 5% |
| ST AL313P | Angle | 1-1/4" | 9 | 5% |
| ST ME815-12 | Angle | 1-1/2" | 9 | 5% |
| ST AL317P | Angle | 2" | 12 | 5% |
| ST AL321P | Angle | 3" | 37 | 5% |
| ST ME825-6 | Globe | 3/4" | 3 | 5% |
| ST AL310P | Globe | 1" | 4 | 5% |
| ST AL312P | Globe | 1-1/4" | 9 | 5% |
| ST AL316P | Globe | 2" | 13 | 5% |
| ST AL320P | Globe | 3" | 42 | 5% |

- Discounts Not Assorted -

1 1/2" Globe Valve

Features:

- All stainless steel internal components with rotating seat disc design & V-cup Teflon® packing stem seals.
- Double stem seal design ensures leak free operation.
- Double lead stem thread ensures quick and efficient operation.
- Durable ductile iron valve body with automotive grade powder coat finish.
- 1-1/4" & larger globe valves have 35° seat angle for maximum product flow.
- 1-1/4" & larger globe valve designed ergonomically correct for bobtail transport and bulk plant applications.
- 1-3/4", 2-1/4" & 3-1/4" Acme threads available on globe valves.
- Rated for 400 WOG.
- Operating temperature -40° to +212° F.
- Two 1/4" ports with plugs.



Part No.

ST ME825-12 1 1/2" Globe Valve

Quick Acting Hose End Valves



Quick Acting Hose End Valves utilize the standard Squibb-Taylor Globe & Angle valve bodies but incorporate a quick acting bonnet assembly. The handle has a "thumb press" to open lever, which prevents accidental opening. Handle will not open, unless the thumb lever is depressed. Closing is quick, and handle automatically locks. Rated Flow is 120 GPM @ 10 PSI. **Includes port for bleeder valve.**



| Part No. | - Discounts Not Assorted - | 10+ Discount |
|-----------|-------------------------------------------|--------------|
| ST AL344P | 1" Globe Style Quick Acting Valve | 5% |
| ST AL345P | 1" Angle Style Quick Acting Valve | 5% |
| ST AL361 | 1-1/4" Quick Acting Angle Valve | 5% |
| ST 344-22 | Repair Kit for 344/345 Series Valves..... | |

VALVE REPAIR KITS

| Kit No. | For Valve Numbers | Quantity & Contents |
|---------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 344-22 | AL344, AL345 & AL361 | 1 340-15 Roll Pin 1 340-20 Wiper Ring 1 342-20 Seal Washer 1 340-26 Sleeve Seal 1 340-21 Stem Seal 1 340-11 Seal Retainer 1 340-10 Seal 1 340-4 Seat Disc 1 308-11 Disc Nut |



Quick Acting Hose End Valves with Extensions

— Minimum Bleed —



A special locking clip on the valve's operating handle minimizes the chance of accidental opening. These valves minimize the loss of product when disconnecting by locating the seat disc in the bottom of the filler coupling. Floating stem design with ergonomic handle. Aluminum body. Inlet is 1" or 1-1/4" FPT, outlet connection is 1-3/4" F. Acme. Rated Flow is 100 GPM @ 10 PSI. **No bleeder valve port.**

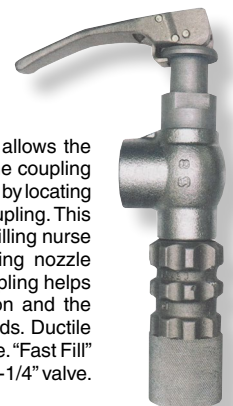
Part No.

| Part No. | DISCOUNT |
|------------|--------------------------------------------------------|
| ST AL343AS | 1" Quick Acting Angle Valve with Extension..... 5% |
| ST AL362 | 1-1/4" Quick Acting Angle Valve with extension..... 5% |

— For Repair Kits See Squibb-Taylor Repair Kits In Our Index —

1" & 1-1/4" Minimum Bleeder Valves

The minimum bleed feature on these valves allows the users to bleed the connection by loosening the coupling instead of using a bleeder valve. This is achieved by locating the flat rubber seat down by the end of the coupling. This unique feature is very helpful on risers when filling nurse tanks. Stainless steel stems, bonnet, coupling nozzle and poppet for extended life. The knurled coupling helps users grip the coupling easier with gloves on and the large handle is great for small and large hands. Ductile iron body, aluminum extension. Field repairable. "Fast Fill" Version fills 30% to 40% faster than standard 1-1/4" valve.



Part No.

| | |
|----------------|-------------------------------------------------|
| CN AQOVM-100 | 1" Quick Acting Min. Bleed Valve..... |
| CN AQOVM-125 | 1-1/4" Quick Acting Min. Bleed Valve |
| CN AQOVM-125FF | 1-1/4" Quick Acting Min. Bleed Valve, Fast Fill |